

Claims

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1. Method of storing solar energy with reducing the CO₂ content of air, characterized by the method steps of:
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- (a) producing by photosynthesis an amount of biomass capable of forming charcoal;
- (b) converting the amount of biomass into charcoal;
- (c) permanently storing a substantial fraction of the charcoal and
- (d) converting only the remaining portion of the charcoal into energy or an energy source.
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2. Method according to claim 1, characterized in that the remaining portion of the charcoal is utilized for producing hydrogen.
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3. Method according to claim 1 or 2, characterized in that the charcoal storage is effected under an inert gas.
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4. Method according to claim 3, characterized in that CO₂ is used as the inert gas.
5. Method according to any one of claims 1 to 4, characterized in that the charcoal is stored in mine cavities.

Add A2

Add
B3